



# **Jericho Forum Introduction**

**[www.jerichoforum.org](http://www.jerichoforum.org)**

DHS SwA Forum  
Jericho Panel

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# Jericho Forum Panel

- Introduction of Panelists
- Overview of the forum structure
- Jericho Forum Principles and De-perimeterization
- Collaborative Oriented Architecture
- Panel Discussion

# The Open Group Jericho Forum

- The Open Group **works with customers, suppliers, consortia, and other standards bodies to**
  - Capture, understand, and address current and emerging requirements, and establish policies and share best practices
  - Facilitate interoperability, develop consensus, and evolve and integrate specifications and open source technologies
  - Offer a comprehensive set of services to enhance the operational efficiency of consortia
  - Operate the industry's premier certification service
- **Vision of Boundaryless Information Flow™** – with enterprise architecture as a critical element for making the vision a reality, the TOGAF Architecture Development Method (ADM) provides an important toolset
- **"Making Standards Work™"** – extensive experience and track record in facilitating consensus to develop standards and operating a premier certification service

The Open Group's  
Platinum Members



## Architecture Practitioner Conferences



THE Open GROUP  
Making standards work™

## Core Technology

LDAP / CCI

MILS



Motif®

DRDA®

DCE



## Forums

- ✓ Architecture
- ✓ Platform
- ✓ Jericho & Security
- ✓ Identity Management
- ✓ Enterprise Management
- ✓ Real Time and Embedded Systems

## Certifications

- UNIX
- LDAP
- WAP
- S/MIME
- ITAC / ITSC
- NASPL



## Methods & Best Practices



SOA-WG



# Jericho Members



# Old Thinking vs. Jericho Thinking

## Old Mindset

- Connections to the secure network
- Connection-level authentication
- Authentication to access the secure network
- Secure tunnel from device to network connection point



## New Mindset

- Connections to secure resources
- Protocol-level authentication
- Authentication to access individual secure resources
- Secure protocol from device directly to secure resources

# Architecting for a Jericho Forum future

- De-perimeterization is what is happening to you;
- The Jericho Forum blueprint is the generic concept of how to respond the concept
- Collaboration Oriented Architectures (COA) are a structure and components to enable de-perimeterized working and collaboration
- COA is not a single solution; it is deliberately plural

# Paper available from the Jericho Forum

- The Jericho Forum White Paper the “Business rationale for de-perimeterization” is freely available from the Jericho Forum Website

<http://www.jerichoforum.org>

**JERCHO**

White Paper

**Business rationale for de-perimeterisation**

**History**

Computing history can be defined in terms in increasing connectivity over time, starting from no connectivity, to the restricted connectivity we currently have today with islands of corporate connectivity behind their managed perimeter.

**Today**

Today there are key indicators that every organisation will be seeing within their business that indicate a de-perimeterised future:

- The increasing mismatch of the (legal) business border and the network perimeter as business relationships becomes less distinct.
- Business demanding to directly interconnect systems where B2B relationships exist
- The need to have good network connectivity and access with all organisations with whom you have a business relationship.
- Distributed / shared applications across business relationships
- Increasing applications using technology that bypasses firewall security at the perimeter (typically using Web-based techniques that can legitimately traverse the perimeter)
- Increasing inability of traditional firewall and other network perimeter controls to combat malware that uses Web and e-Mail based techniques

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Version 1.0 January 2007

## Panel Discussion

- Doesn't de-perimeterization make you less secure?
- Has de-perimeterization been implemented?
- What is driving COA?
- What technologies are necessary to effectively treat de-perimeterization?
- How does Cloud Computing relate to the concepts of de-perimeterization and COA?



Thanks!!!

# Risks and benefits

## Risks

- Get it wrong and expose the business
- Keep adding more layers of security
- Cost and/or inability to manage
- Saddled with yesterday's technology
- Inflexible to respond to market demands

## Benefits

- Increased levels of security
- Simpler, less complex security
- Cheaper to run, easier to manage
- Tomorrows technology with ability to gain business advantage
- Flexible and adaptable solutions

## Getting from where we are today . . .

- How to move from a secure network with poor process administration to insecure networks with secure protocols and processes
  1. Accept that you do not have a secure network
  2. Base all technology and design assumptions on this revised paradigm
  3. Start using de-perimeterized solutions today – they will work just as well inside a “secure” network
  4. Change mindsets within your organisation

## Opportunity through change

- With change there are three options:
  - Resist the change
  - Let the change happen to you
  - Leverage the change for maximum advantage
  
- De-perimeterization is different to other change
  - To leverage this level of fundamental change needs a conscious change in architecture.
  - De-perimeterization is happening now, so it is essential that COA is part of your organizations strategic planning today.